

FIG. 1

PRIOR ART

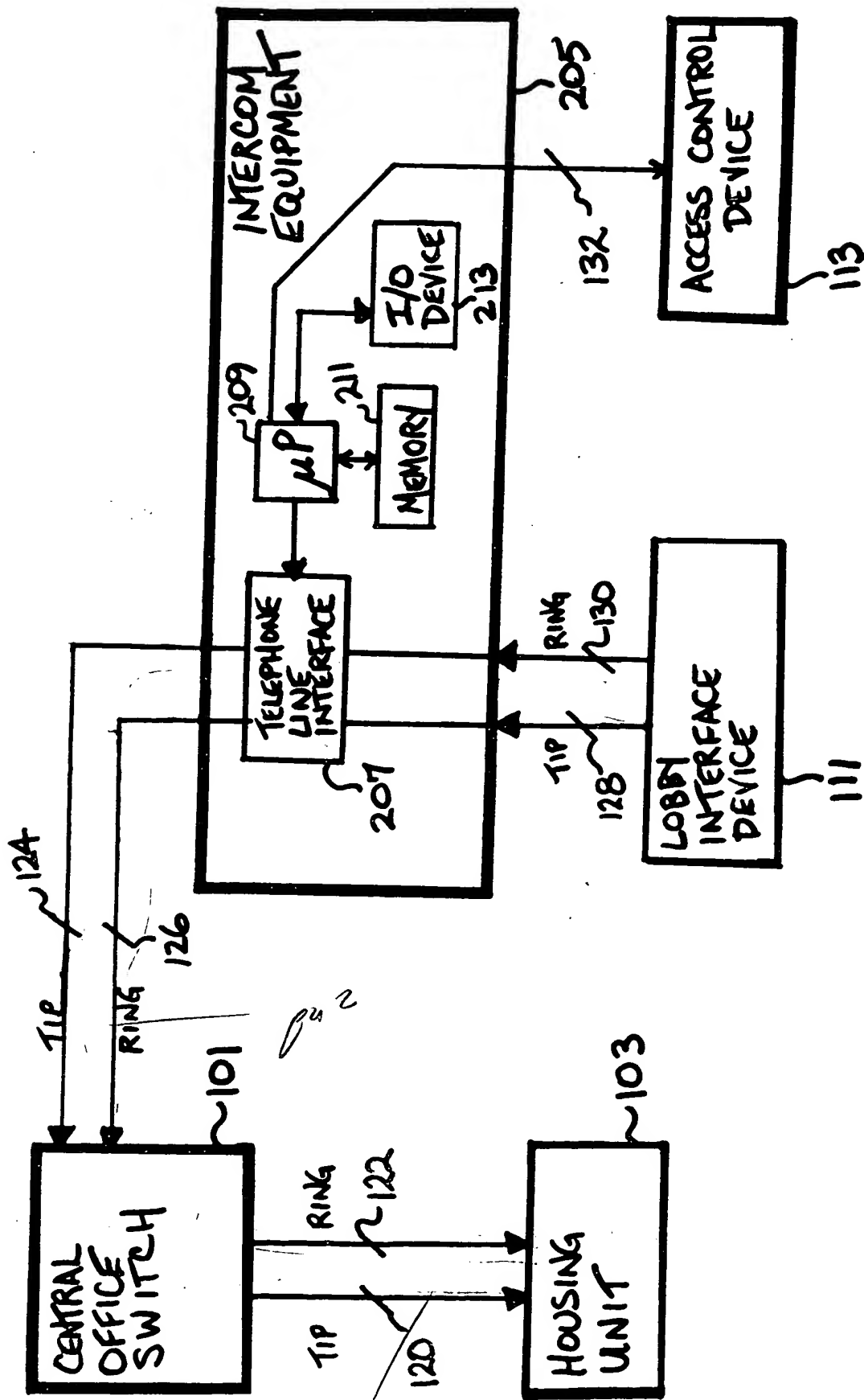


FIG. 2

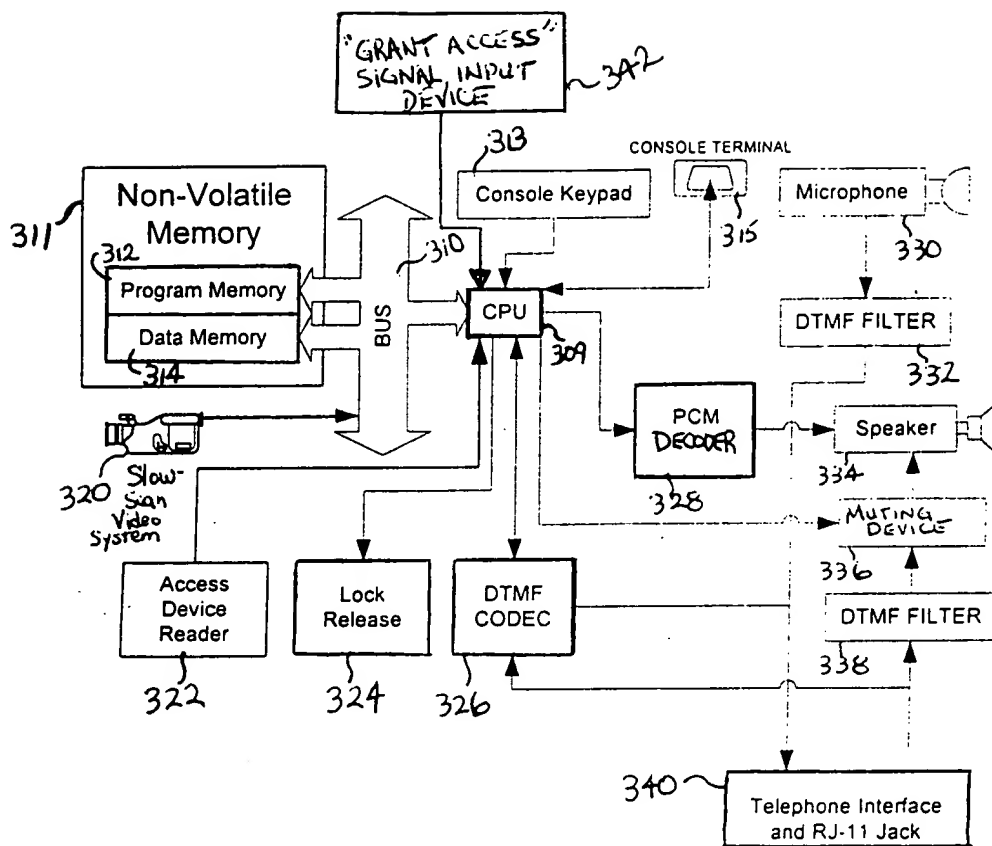


FIG. 3

VISITOR PRESSES ONE OR MORE KEYS ON THE CONSOLE KEYPAD TO NOTIFY A SELECTED OCCUPANT PREMISES OF THE VISITOR'S PRESENCE

401

CPU SEARCHES DATABASE OF TELEPHONE NUMBERS TO RETRIEVE A DATABASE ENTRY CORRESPONDING TO THE KEY OR KEYS PRESSED BY THE VISITOR. DOES THE CPU RETRIEVE A DATABASE ENTRY?

NO

SEND ERROR MESSAGE TO SPEAKER

407

YES 403

CPU SIGNALS DTMF CODEC TO DIAL TELEPHONE NUMBER SPECIFIED BY THE RETRIEVED DATABASE ENTRY

405

DTMF CODEC PLACES TELEPHONE CALL OVER DEDICATED ANSWERING SERVICE TELEPHONE LINE TO CENTRAL SWITCHING OFFICE

409

TO FIG. 4B  
BLOCK 411

FIG. 4A



FROM FIG. 3  
BLOCK 413

INDIVIDUAL AT OCCUPANT  
PREMISES MAY, IF DESIRED,  
GRANT VISITOR ACCESS BY  
PRESSING A PREDETERMINED  
DTMF KEY OR KEYS ON  
TELEPHONE DEVICE USED TO  
ANSWER CALL IN BLOCK 413

415

DTMF CODEC RECEIVES DTMF  
TONE(S) ENTERED AT BLOCK  
415 AND FORWARDS CODED  
TONE(S) TO CPU

417

CPU COMPARES CODED TONE(S) WITH  
ACCESS CODE(S) STORED IN NON-  
VOLATILE MEMORY. DO CODED  
TONE(S) MATCH ANY ACCESS CODE(S)  
STORED IN MEMORY?

419

CPU &  
CODEC  
SEND  
ERROR  
MESSAGE  
TO TELE-  
PHONE DEVICE  
USED TO ANSWER  
CALL AT  
BLOCK 413

NO

YES  
TO FIG. 4D  
BLOCK 421

FIG. 4C

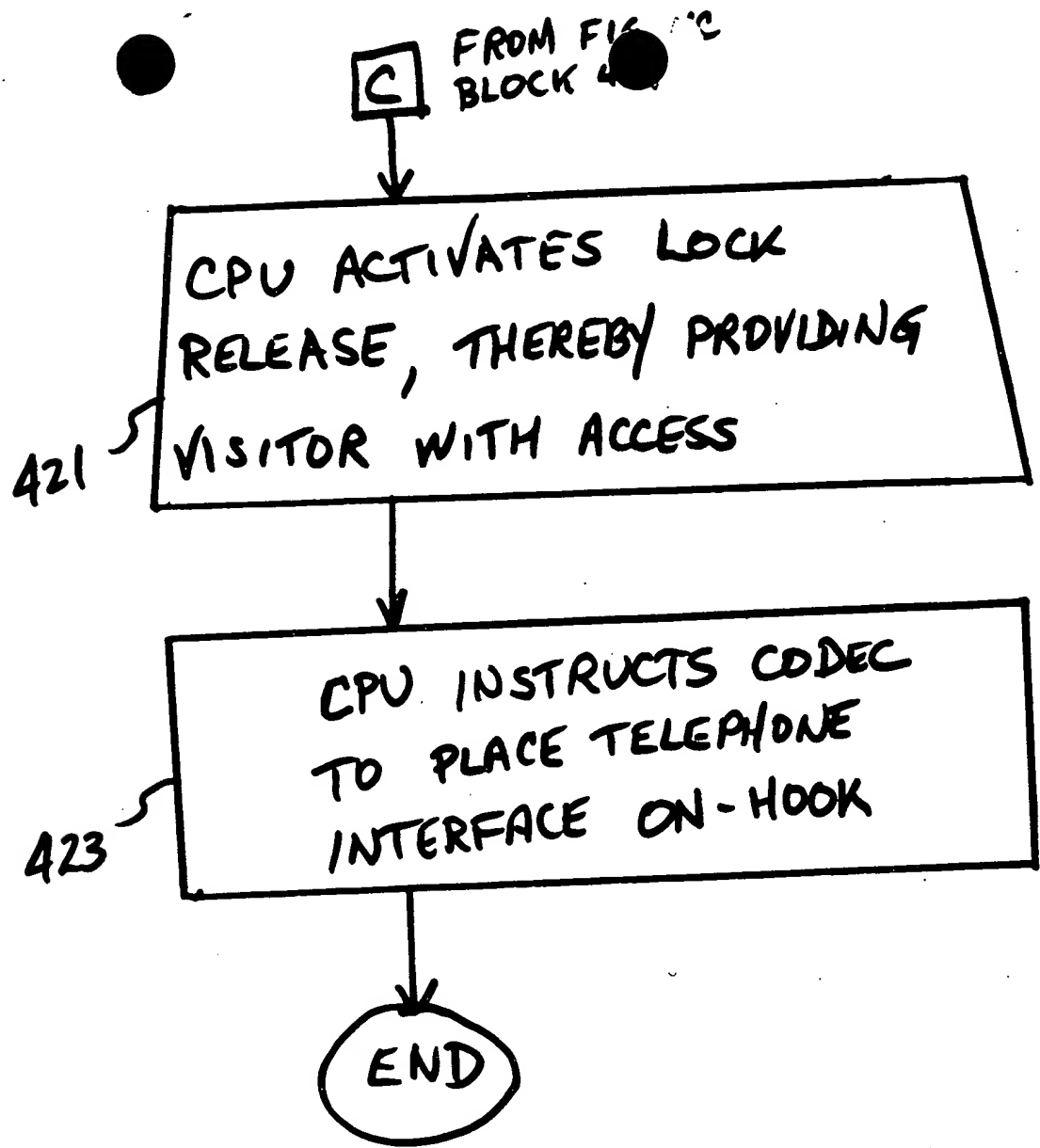
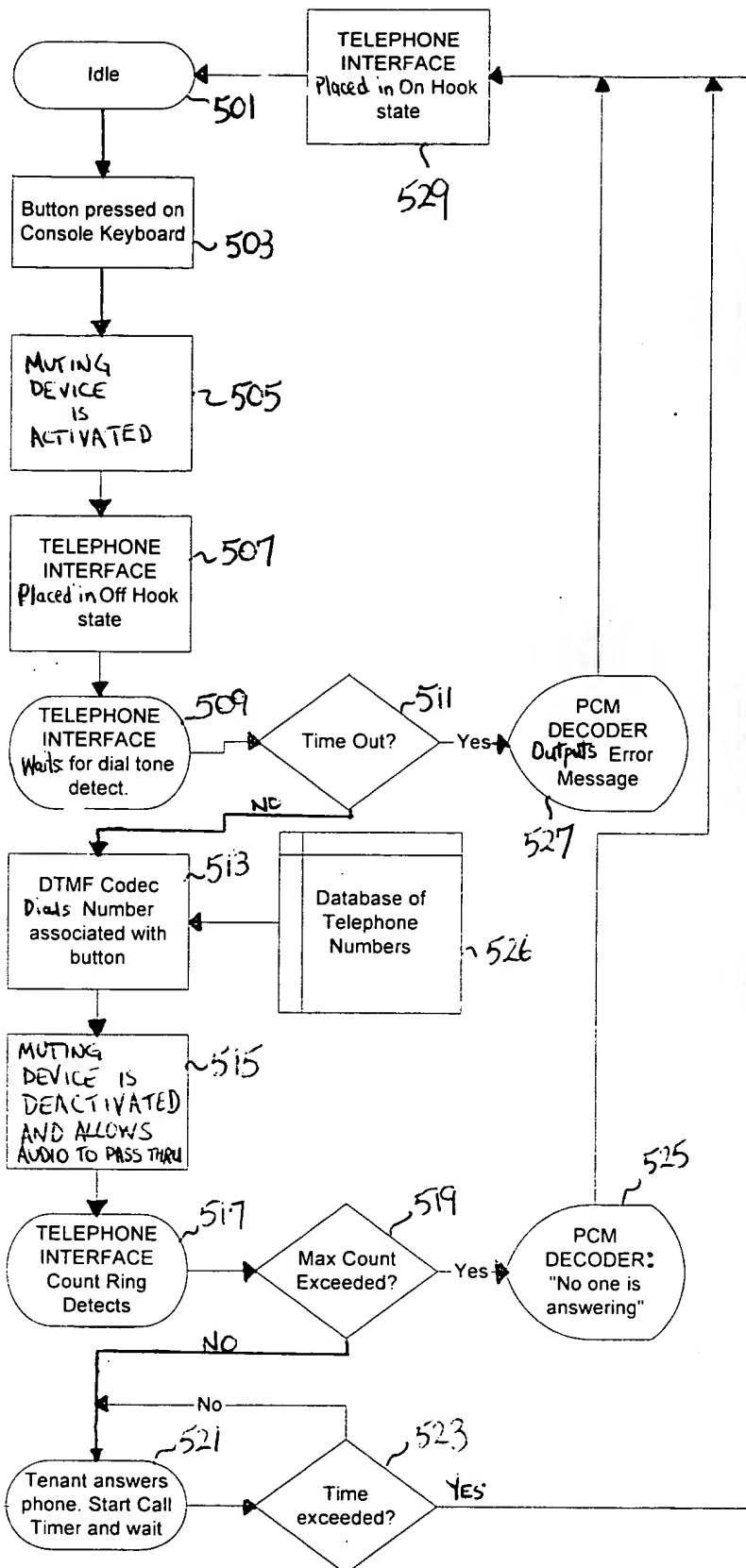


FIG. 4D



**FIG. 5**



00000-2922560

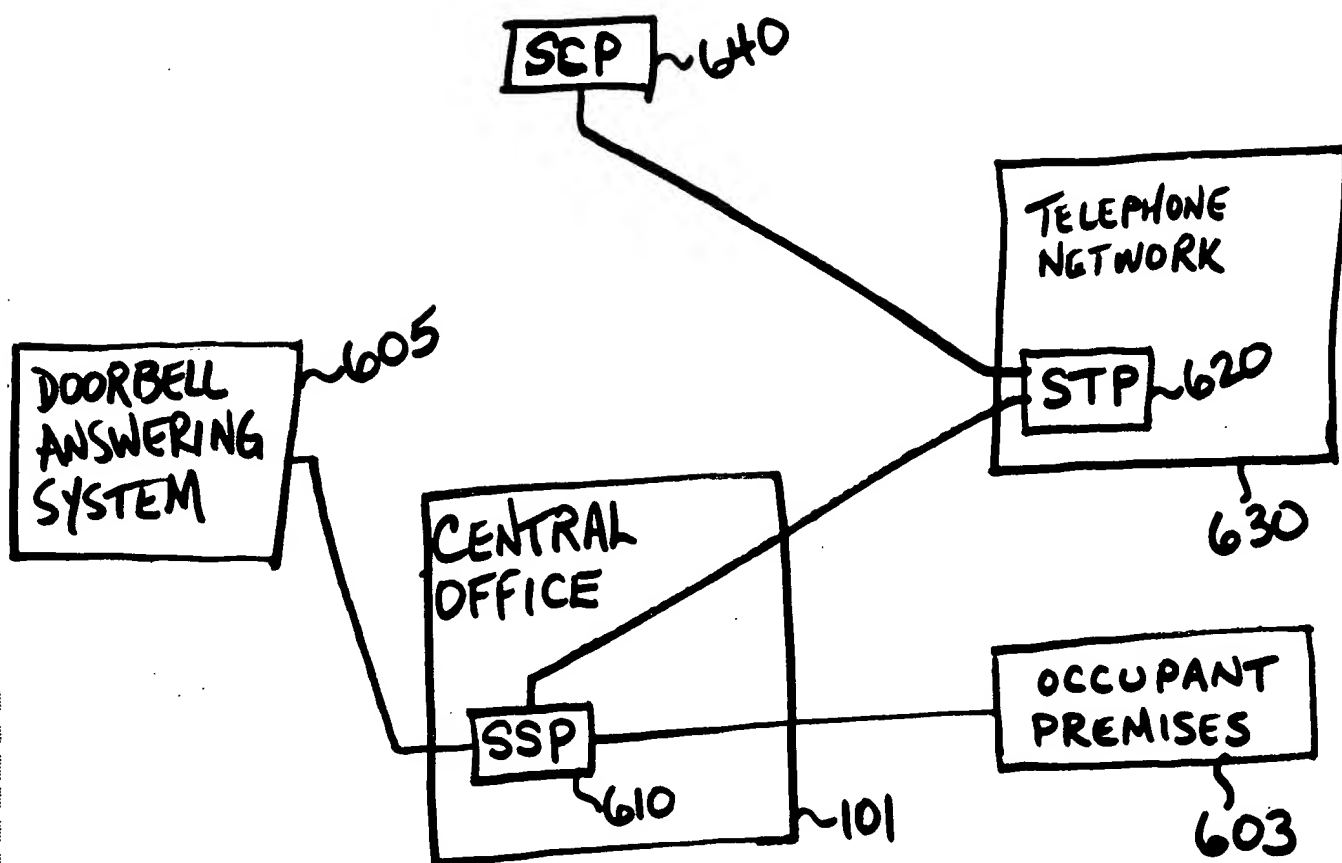


FIG. 6

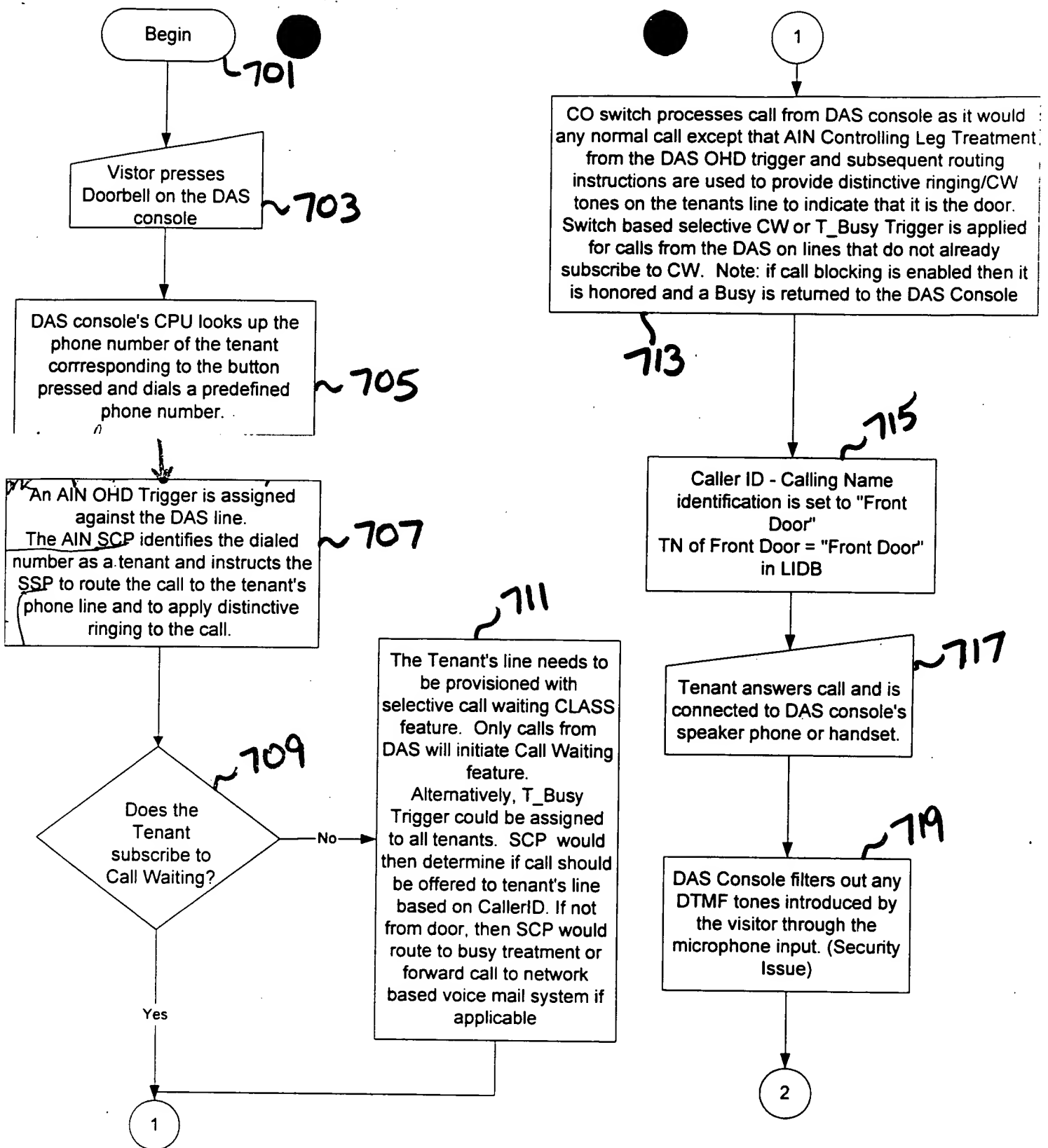


FIG. 7A

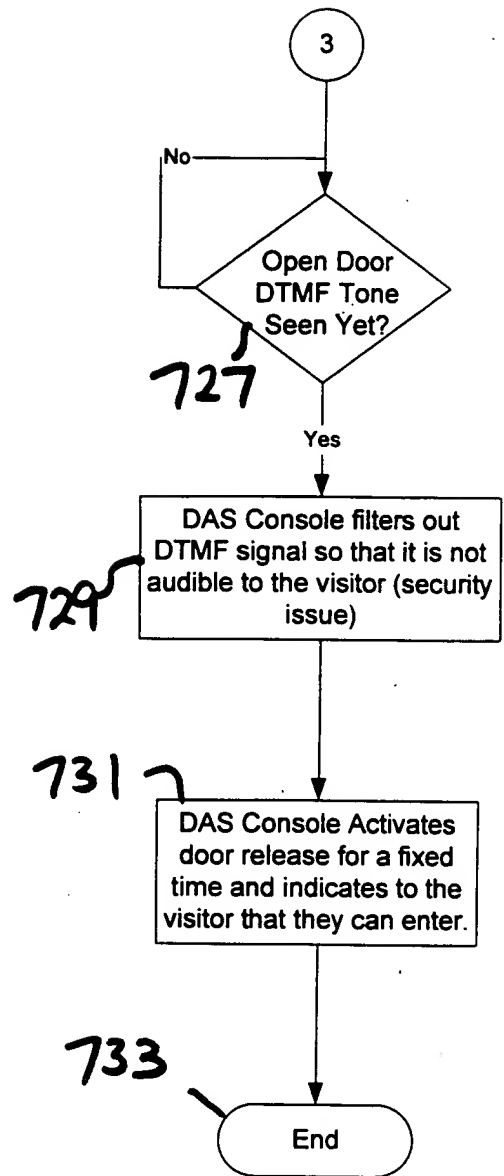
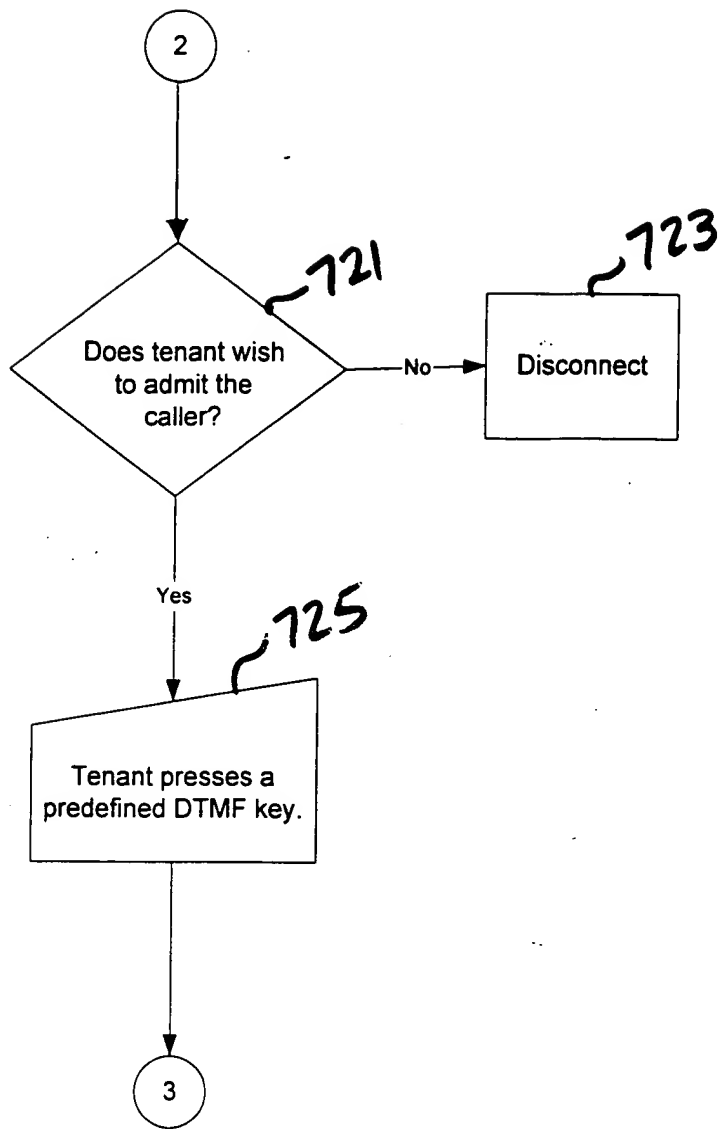


FIG. 7B